

Cybersecurity Workforce Demand



1.5 Million

MORE cybersecurity professionals will be needed to accommodate the predicted global shortfall by 2020

Source: (ISC)² 2015 Global Information Security Workforce Study

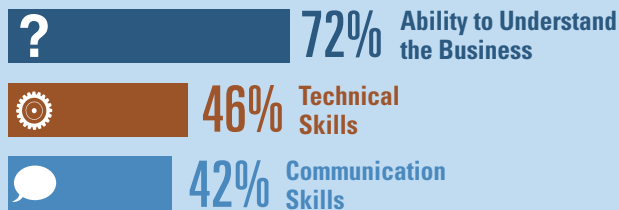


On average,
52%

of IT professionals surveyed stated fewer than **25%** of all applicants were qualified

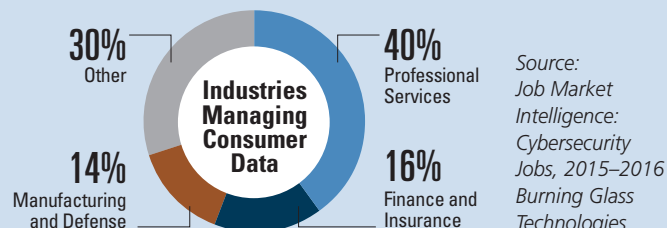
Source: State of Cybersecurity: Implications for 2015: An ISACA and RSA Conference Survey

The biggest skill gaps of today's cybersecurity professionals



Source: State of Cybersecurity: Implications for 2015 An ISACA and RSA Conference Survey

Fastest cybersecurity demand sectors are in industries managing consumer data



Source: Job Market Intelligence: Cybersecurity Jobs, 2015–2016 Burning Glass Technologies

Cybersecurity

job postings took **8%** longer to fill than IT job postings overall

Source: (ISC)² 2015 Global Information Security Workforce Study

Expertise required for various cybersecurity roles in demand

- Information Security
- Network Setup
- Auditing
- Network Protocols
- Core Database, Coding and Scripting
- Systems Administration



Source: Job Market Intelligence: Cybersecurity Jobs, 2015

Approximately
10%

of the current cybersecurity workforce are comprised of women



Source: (ISC)² 2015 Women in Security: Wisely Positioned for the Future of InfoSec

18% Growth



Computer and mathematical occupations will grow much faster than the average job during 2012–2024

Source: Bureau of Labor Statistics, U.S. Department of Labor

Fastest growing skills in cybersecurity job postings

- Python
- HIPAA
- Risk Management
- Internal Auditing
- Audit Planning

Source: Partnership for Public Service

Hardest to fill skills in cybersecurity job postings

Source: Job Market Intelligence: Cybersecurity Jobs, 2015–2016 Burning Glass Technologies



Software Architecture
Network Attached Storage (NAS)
Software Issue Resolution
Internet Security
Legal Compliance
Data Communications
Platform as a Service (PaaS)
Computer Forensics
Internal Auditing
Apache Hadoop